

Attorney Docket No. ZOLO.37/PCT-CIP-US

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANT:	Bernard Patrick Masterson	)	
SERIAL NO.:	10/599,233	)	EXAMINER:
FILED:	September 22, 2006	)	ART UNIT:
TITLE:	Optical Mode Noise Averaging Device	)	CONFIRMATION NO.: 6116

Mail Stop Amendment  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

Dear Sir:

**INFORMATION DISCLOSURE STATEMENT**

Applicant calls the Examiner's attention to the patents and publications listed on the attached Form PTO-1449, copies of required documents enclosed, which may be material to examination of the above identified application.

**TIME OF TRANSMITTAL**

This Information Disclosure Statement is being filed under 37 CFR § 1.97(b). This Statement is filed within at least one of the following time periods:

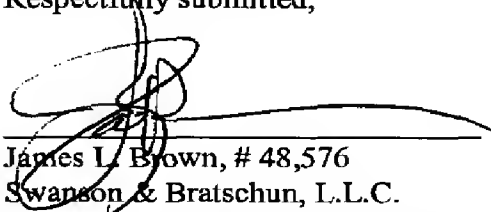
- (a) within three months of the filing date of a national application (other than a CPA under 37 CFR § 1.53(d));
- (b) within three months of the date of entry of the national stage as set forth in 37 CFR § 1.491 in an international application;
- (c) before the mailing of a first Office Action of the merits; or
- (d) before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR § 1.114.

No fee is believed to be due in this instance. However, the undersigned hereby authorizes the charging of any fees created by the filing of this document to Deposit Account No. 19-5117.

The filing of this Information Disclosure Statement shall not be construed as an admission against interest in any manner. This listed patents and publications are believed of interest herein and consideration and citation of as interest by Examiner is respectfully requested.

Respectfully submitted,

Dated: March 7, 2007

A handwritten signature in black ink, appearing to read 'James L. Brown', is written over a horizontal line.

James L. Brown, # 48,576  
Swanson & Bratschun, L.L.C.  
1745 Shea Center Drive, Suite 330  
Highlands Ranch, Colorado 80129  
303-268-0066  
303-268-0065 (FAX)

SACLIENTFOLDERS\ZOLO\37\PCT\CIP\US\IDS.DOC

<b>FORM PTO-1449</b> <b>U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE</b>  List of Information Cited by Applicant Page 1 of 2	<b>ATTY. DOCKET NO.</b> ZOLO.37/PCT-CIP-US	<b>SERIAL NO.</b> 10/599,233
	<b>APPLICANT</b> Zolo Technologies, Inc.	
	<b>FILING DATE</b> September 22, 2006	<b>GROUP</b>

U.S. PATENT DOCUMENTS							
EXAM. INITIAL		DOCUMENT NUMBER	DATE	NAME	CLS	SUB- CLS	FILE DATE
/E.K./	AA	2002/0181856	12-05-2002	SAPPEY ET AL.			
	AB	2002/158202	10-31-2002	WEBBER ET AL.			
	AC	2002/0031737	03-14-2002	VON DRASEK ET AL.			
	AD	4,360,372	11-23-1982	MACIEJKO			
	AE	4,895,421	01-23-1990	KIM ET AL.			
	AF	4,915,468	04-10-1990	KIM ET AL.			
	AG	4,989,979	02-05-1991	BUCKMAN			
	AH	5,042,905	08-27-1991	ANJAN ET AL.			
	AI	5,396,506	03-07-1995	BALL			
	AJ	5,448,071	09-05-1995	MCCAUL ET AL.			
	AK	5,477,323	12-19-1995	ANDREWS ET AL.			
	AL	5,506,721	04-09-1996	HIKAMI ET AL.			
	AM	5,621,213	04-15-1997	BARSHAD			
	AN	5798840	08-25-1998	BEITING			
	AO	5,802,222	09-01-1998	RASCH ET AL.			
	AP	5,813,767	09-29-1998	CALABRO ET AL.			
	AQ	5,960,129	09-28-1999	KLEINSCHMITT			
	AR	6,016,372	01-18-2000	FEIN ET AL.			
	AS	6,150,661	11-21-2000	MCCAUL ET AL.			
	AT	6,160,255	12-12-2000	SAUSA			

FOREIGN PATENT DOCUMENTS							
EXAM. INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLS	SUB CLS	TRANS ?
/E.K./	AU	766080	04-02-1997	EP			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
/E.K./	AV	Allen (1998) "Diode laser absorption sensors for gas-dynamic and combustion flows" Measuring Science and Technology 9:545
	AW	Allen et al. (2002) "Tunable Diode Laser Sensing and Combustion Control" Applied Combustion Diagnostics, chapter 18
	AAA	Baer et al. (1994) "Multiplexed Diode-Laser Sensor System for Simultaneous H <sub>2</sub> O, O <sub>2</sub> , and Temperature Measurements" Optics Letters 19(22):1900-1902
	AAB	Ebert et al. (1998) "Simultaneous Laser-Based <i>In Situ</i> Detection of Oxygen and Water in a Waste Incinerator for Active Combustion Control Purposes" 27 <sup>th</sup> Symposium on Combustion pp. 1301-1308
	AAC	Ebert et al. (2000) "Simultaneous Diode-Laser-Based <i>In Situ</i> Detection of Multiple Species and Temperature in a Gas-Fired Power Plant" Proceedings of the Combustion Institute 28:423
/E.K./	AAD	Ebert et al. (2000) "The Use of Lasers as the Basis for Combustion Equipment Control" at TOTem, Intelligent Combustion Control pp. 1-15
EXAMINER /Ellen Kim/		DATE CONSIDERED 04/27/2009
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		

<b>FORM PTO-1449</b> <b>U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE</b>  List of Information Cited by Applicant Page 2 of 2	<b>ATTY. DOCKET NO.</b> ZOLO.37/PCT-CIP-US	<b>SERIAL NO.</b> 10/599,233
	<b>APPLICANT</b> Zolo Technologies, Inc.	
	<b>FILING DATE</b> September 22, 2006	<b>GROUP</b>

U.S. PATENT DOCUMENTS							
EXAM. INITIAL		DOCUMENT NUMBER	DATE	NAME	CLS	SUB- CLS	FILE DATE
/E.K./	BA	6,345,134	02-05-2002	LAMING ET AL.			
	BB	6,455,851	09-24-2002	LORD ET AL.			
	BC	6,519,385	02-11-2003	GREEN			
	BD	6,593,573	07-15-2003	MCCANN ET AL.			
	BE	6,766,070	07-20-2004	WILLIAMS ET AL.			
/E.K./	BF	6,791,689	09-14-2004	WECKSTROM			

FOREIGN PATENT DOCUMENTS							
EXAM. INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLS	SUB CLS	TRANS ?
	BG						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
/E.K./	BH	Furlong et al. (1998) "Diode Laser Sensors for Real-Time Control of Pulsed Combustion Systems"; AIAA/SAE/ASME/ASME Joint Propulsion Conference and Exhibit, pp. 1-8, 1, XP001148178
	BI	Furlong et al. (1998) "Real-Time Adaptive Combustion Control Using Diode-Laser Absorption Sensors," 27 <sup>th</sup> Symposium on Combustion pp. 103-111
	BJ	Liu et al. (2003) "Diode Laser Absorption Diagnostics for Measurements in Practical Combustion Flow Fields" 39 <sup>th</sup> AIAA/ASME/SAE/ASME Joint Propulsion Conference and Exhibit, Paper Number AIAA-2003-4581 pp. 1-6
	BK	Miller et al. (1996) "Diode laser-based air mass flux sensor for subsonic aeropropulsion inlets" Applied Optics 35:4905
	BL	Ouyang et al. (1992) "Tomographic Absorption Spectroscopy of Combustion Gases using Tunable Infrared Diode Lasers," Paper No. 1637-20, SPIE Conference on Environmental and Process Monitoring Technologies, pp. 163-172
	BM	Phillippe et al. (1993) "Laser diode wavelength-modulation spectroscopy for simultaneous measurement of temperature, pressure, and velocity in shock-heated oxygen flows" Applied Optics 32:6090
	BN	Sanders et al. (2000) "Diode-Laser Sensor for Monitoring Multiple Combustion Parameters in Pulse Detonation Engines" Proceedings of the Combustion Institute 28:587
	BO	Sanders et al. (2001) "Diode-laser absorption sensor for line-of-sight gas temperature distributions" Applied Optics 40:4404
	BP	Teichert et al. (2003) "Simultaneous <i>in situ</i> measurement of CO, H <sub>2</sub> O, and gas temperatures in a full-sized coal-fired power plant by near-infrared diode lasers" Applied Optics 42:2043
	BQ	Upschulte et al. (1999) "Measurements of CO, CO <sub>2</sub> , OH, and H <sub>2</sub> O in room-temperature and combustion gases by use of a broadly current-tuned multisection InGaAsP diode laser" Applied Optics 38:1506
	BR	Varghese et al. (1997) "Temperature and CO <sub>2</sub> Concentration Profiles in Flames Measured by Laser Absorption Tomography," Paper 97-0317, AIAA 35 <sup>th</sup> Aerospace Sciences Meeting, Reno, NV
	BS	Villarreal et al. (2005) "Frequency Resolved Absorption Tomography with Tunable Diode Lasers," Applied Optics 44:6786-6795
	BT	Webber et al. (2000) "In Situ Combustion Measurements of CO, CO <sub>2</sub> , H <sub>2</sub> O and Temperature Using Diode Laser Absorption Sensors" Proceedings of the Combustion Institute 28:407
/E.K./	BU	Wolfrum (1998) "Lasers in Combustion: From Basic Theory to Practical Devices" 27 <sup>th</sup> Symposium on Combustion pp. 1-41
EXAMINER /Ellen Kim/ DATE CONSIDERED 04/27/2009		
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		